

- I. Impact of Phase II (Network Nebraska) on the regional network (ESUs 7, 9, 10, 11, 13, 15, 16)
- Section 1 = All locations WAN
 - Section 2 = All locations WAN, w/ Router
 - Section 3 = All locations WAN, w/ Transport
 - Section 4 = All locations WAN, w/ Router AND Transport
 - Section 5 = 308 locations WAN
 - Section 6 = 308 locations WAN, w/ Router
 - Section 7 = 402 locations WAN
 - Section 8 = 402 locations WAN, w/ Router
 - Section 9 = Transport: G.I. to LNK, LNK to OMA, OMA to G.I.
(Sections 1-8 request a Gigabit backbone connection for all 308 IP-converted locations)

- II. LB1208 requirements and deadlines for all Phase II districts & ESUs 2007-08.

Network Nebraska Phase II Implementation Timeline, with revised dates/language in **bold**:

- 09/01/07: Start work on Phase II RFP (ESUs 7, 9, 10, 11, 13, 15, 16 & Higher Ed partners)
- 09/15/07: Deadline for Technology Plan submission to NDE
- **10/19/07**: Form 470 Posted by CIO; Released RFP on **10/17/07**
- **11/16/07**: Bid Opening, 2pm Central Time
 - RFP 2258Z1: Review for Conformance of Mandatory Requirements November 16, 2007
 - RFP 2258Z1: Evaluation Period November 17, 2007 through November 19, 2007
 - RFP 2258Z1: Post Letter of Intent to Contract to Internet at:
<http://www.das.state.ne.us/materiel/purchasing/rfp.htm> November 19, 2007
- 12/10/07: Contract Award
 - RFP 2258Z1: Contract Award January 2, 2008 (can be anytime prior to 1/2/08)
 - RFP 2258Z1: Contractor Start Date January 3, 2008 (can be anytime prior to 1/3/08)
- **12/14/07**: Communicate WAN and Interregional Transport pricing information to Education entities
- **1/07/08, 1/14/08, 1/21/08**: Signatures on vendor contract acknowledgments (School Board Meetings, ESU Board Meetings)
- **2/7/08**: E-rate Form 471 Filing deadline (local sites for WAN & CIO's office for backbone)
- February-April, 2008: Order Distance education-related equipment
- May-June, 2008: Determine Schedule for Network Upgrades
- July 1-August 8, 2008: Actual network upgrade, testing, Renovo Software

- III. Phase II E-Rate filings for 2008-2009 school year

- Letters of Agency authorize the CIO to bid and form contracts on the K-12 entities' behalf.
- RFP2258Z1 bid results will be communicated as soon as possible (~12/14/07 or before)
- Phase I Model: Local K-12 entities and ESUs filed E-rate at the local level for WAN service, Internet, and any district infrastructure. The Southwest Nebraska Distance Education Network (SNDEN) will file WAN E-rate as a single consortium application.
- The CIO will file E-rate on the backbone costs based on a formula of K-12 vs. Higher ed traffic, and then bill net costs back to all the participants divided by the total number of entities.
- The SNDEN and TriValley-South interconnections to Network Nebraska in Grand Island or Lincoln may represent additional costs and contracts over and above their current WAN contracts.

IV. Phase II budgeting considerations for 2008-2009

- Projected costs for participation in Network Nebraska
 - Wide Area Networking (40Mbps-100Mbps)
 - Bid by the CIO with entities contracting directly with the Provider(s).
 - Phase I costs averaged about \$2700/month. If already IP-converted, entities may choose to stay with their existing WAN contracts and then purchase Gigabit connections back to Network Nebraska.
 - Costs are billed to the entities by the provider.
 - E-rate reimbursement filed at the local level.
 - Additional State aid Technology Allowance of 85% of the unreimbursed portion (after E-rate) to **Equalized** School Districts
 - Internet Access
 - Internet can be purchased off of the State Master Contract which allows entities access to Internet2.
 - Current cost \$38/megabit/month
 - Entities or aggregated purchasing groups contract directly with the provider
 - Costs are billed to the entities by the provider
 - E-rate reimbursement filed at the ESU (or school) level, depending upon how much Internet access is being purchased.
 - Network Nebraska Participation Fee
 - Is used to recover administrative costs for maintaining and operating Network Nebraska at the CIO/UNCSN/NET levels
 - Currently projected at \$200/month/site and is NOT E-rate eligible.
 - NNNC Model: The CIO bills the Phase 1 ESUs (who then rebill their member schools) and the higher ed entities directly (What about Phase II & III ESUs?)
 - The CIO reviews revenue vs. costs at 6 month intervals and adjusts the fee accordingly
 - Inter-regional Transport Fee
 - Determined by the cost of Interregional Transport derived from RFP2258Z1 and the amount of bandwidth that is carried
 - Is used to inter-connect the NE, SW/W, and SE Ethernet clouds and provide statewide transport and distance learning exchange
 - E-rate will be filed by the CIO's office
 - Costs are billed to the K-12 entities (or groups of K-12 entities) and Higher education entities by the CIO's Office
 - Bandwidth and costs will be adjusted on an annual basis on or about July 1
- Projected benefits/incentives for participation in Network Nebraska
 - Eligibility for \$20,000 per each high school and each ESU for distance learning equipment reimbursement (former high schools in consolidated districts also eligible)
 - Eligibility for Distance Education incentives for Kk-12 schools and ESUs
 - Described as up to \$1,000 for each unit
 - Unit = 1 semester video class sent or received
 - Unit = 1 semester asynchronous class sent
 - Bonus Unit = To originating school IF video class reaches a Sparse or Very Sparse school district
 - Eligibility for statewide clearinghouse and scheduling services through the Distance Education Council for high school and dual credit classes
 - Ability to charge for courses and exempt receipts from state aid formula
 - Allows for development of IP-based applications, video QoS, and access to Internet2